

## **ABSTRACT OF THE DISCLOSURE**

A wireless telecommunications device is disclosed including a first antenna element for transmitting and receiving a first wireless telecommunications signal and a second antenna element for transmitting and receiving a second wireless telecommunications signal. A radio transceiver is provided for generating the first and second wireless telecommunications signals. The radio transceiver is configured for generating the first and second wireless telecommunications signals on substantially the same wireless band in such a way as to produce phase cancellation along a predetermined boundary. Preferably, the predetermined boundary is a plane of symmetry between the first and second antenna elements.